

**WHAT IS CLAIMED IS:**

1. A positioning needle used in a denture mold for positioning a denture in a plaster cast of the denture mold; comprising:

5 a rod for embedding the positioning needle into the plaster cast; two sides of the rod being extended with a pair of protrusions which are symmetrical; a bottom of each protrusion being extended with a positioning portion; two lateral surfaces of each positioning portion being installed with positioning contact surfaces, respectively; the rod having a positioning surface which is vertically connected to the protrusions; and a top of the rod being connected to an assembling  
10 portion;

wherein when the denture and the positioning needle are installed to the plaster cast, the denture will not shift or curled, and in the graving process, the denture will not vibrate or displace due to a force applied  
15 thereon.

2. The positioning needle used in a denture mold for positioning a denture in a plaster cast of the denture mold as claimed in claim 1, wherein the positioning portion is reduced downward.

3. The positioning needle used in a denture mold for positioning a  
20 denture in a plaster cast of the denture mold as claimed in claim 1, wherein a surface of the assembling portion has a teathed surface.

4. The positioning needle used in a denture mold for positioning a denture in a plaster cast of the denture mold as claimed in claim 1, wherein a connecting section is installed between the assembling portion  
25 and the protrusions.

5. The positioning needle used in a denture mold for positioning a denture in a plaster cast of the denture mold as claimed in claim 1, wherein two symmetrical flanges are expanded from a bottom of the connecting section and located between the two protrusions.

6. A denture mold with a positioning needle used with the denture mold for positioning a denture in a plaster cast o the denture mold comprising:

5 a plaster cast having at least one positioning hole; two sides of the positioning hole being formed with respective first concave portions for positioning the positioning portion; a second concave portion being extended from the first concave portions;

10 a positioning needle including a rod for embedding the positioning needle into the plaster cast; two sides of the rod being extended with a pair of protrusions which are symmetrical; a bottom of each protrusion being extended with a positioning portion; two lateral surfaces of each positioning portion being installed with positioning contact surfaces; the rod having a positioning surface which is vertically connected to the protrusions; besides, a top of the rod being connected to an assembling  
15 portion;

wherein when the denture and the positioning needle are installed to the plaster cast, in the graving process, the denture will not vibrate or displace due to a force applied thereon.